



PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Pa Di
PO039634	DIV001-VU	1	1	Net 30	M7075T6S6.000X0.250	7075-T6S Sheet 6" Thick Plate X 0.25" Wide : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft				36	4/30/2018	36		S066609	Stock	4/28/2018	\$ 13.00 / ft	0	
		2			M7075T6S6.000X1.000	7075-T6S Sheet 6" Thick Plate X 1" Wide : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft				24		24		S066610	Stock	4/28/2018	\$ 43.40 / ft	0	
		3			M7075T6S2.000X0.750	7075-T6S Sheet 2" Thick Plate X 0.75" Wide : MAT'L 7075-T6/T62 ALUMINUM SHEET SPECS QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR PER ASTM B209 MAT'L 7075-T6/T62 ALCLAD ALUMINUM SHEET SPECS QQ-A-250/13 OR AMS-QQ-A-250/13 OR AMS 4049 OR PER ASTM B209 receive ft						24			S066611	Stock	4/28/2018	\$ 14.71 / ft	0

Plex 4/28/2018 12:17 PM Dart.Dubois.Pascal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039634

Supplier:	DIV001-VU Diversified Industrial Products 14 Connor Lane Deer Park, NY 11803 USA Phone: 516 822 8300 Fax: 516 822 8332	PO No:	PO039634
		PO Date:	4/18/18
		Due Date:	4/30/18
		Purchase Order Revision:	APR 18 2018
		Revision Date:	
		Ship-To Contact:	Lavoie, Chantal Phone: clavoie@dartaero.com
Ship To:	1270 Aberdeen Street Hawkesbury ON K6A 1K7 Canada Phone: 613-632-5200	Via:	Ground
		Pymt Terms:	Net 30
		Freight Terms:	
		Special Comments:	

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	M7075T6S6.000X0.250		7075-T6S Sheet 6" Thick Plate X 0.25" Wide : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed	4/30/18	36 ft	0 ft	36 ft	\$13.00/ft	\$468.00
2	M7075T6S6.000X1.000		7075-T6S Sheet 6" Thick Plate X 1" Wide : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed	4/30/18	24 ft	0 ft	24 ft	\$43.40/ft	\$1,041.60
3	M7075T6S2.000X0.750		7075-T6S Sheet 2" Thick Plate X 0.75" Wide : MAT'L 7075-T6/T62 ALUMINUM SHEET SPECS QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR PER ASTM B209 MAT'L 7075-T6/T62 ALCLAD ALUMINUM SHEET SPECS QQ-A-250/13 OR AMS-QQ-A-250/13 OR AMS 4049 OR PER ASTM B209 receive ft	Firmed	4/30/18	24 ft	0 ft	24 ft	\$14.71/ft	\$353.04

Grand Total: \$1,862.64

Order Notes

Order Notes

- Procurement Quality Clauses
- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents
- A048 counterfeit parts avoidance, detection, mitigation and disposition program
- A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.



Plex 4/18/18 8:20 AM *dart.lavoie.chantal*



Diversified
Industrial
Products

14 Connor Lane, Deer Park, NY 11729 Tel: 631.761.6200 Fax: 631.761.6201

Customer PO #	Order Date	SP
PO039634	04/18/18	AB

Customer PO #	Order Date	SP
PO039634	04/18/18	AB

Sales Order Number	46059
Invoice Date	4/23/2018
Invoice Number	66668

# Pkg.	1 SKID
Weight	165 LBS

Ship Date	Shipped Via	Test Reports
4/23/2018	JOURNEY FRT	Y

Item #	Order Qty	U/M	Description	Qty Shipped	Bal. on Order
1	36	FT	PART# M7075T6S6.000X0.250 7075-T651 ALUMINUM DFAR ASTM B209 AMS QQ-A-250/12 .250" THICK X 6" WIDE X 48" LONG MILL: KAISER; LOT #: 241730B1 ✓	36	0 APR 28 2018 DAS 11 9-89
2	24	FT	PART# M7075T6S6.000X1.000 7075-T6 ALUMINUM DFAR ASTM B209 AMS-QQ-A-250/12 1" THICK X 6" WIDE X 48" LONG MILL: KAISER; LOT #: 261651B4 ✓	24	0 APR 28 2018 DAS 11 9-89
3	24	FT	PART# M7075T6S2.00X0.750 7075-T651 ALUMINUM DFAR ASTM B209 AMS QQ-A-250/12 .750" THICK X 2" WIDE X 48" LONG MILL: KAISER; LOT #: 243263B6 ✓	24	0 APR 28 2018 DAS 11 9-89

PACKING LIST

CERTIFICATE OF COMPLIANCE

We certify that the materials described above conform to the specifications stated.

Cathie Vail

Quality Control Manager

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075+652.000X0.750
 DATE: APR 28 2018

PO / BATCH NO.: 038634/5066611

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 24'
 QUANTITY INSPECTED: 24'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.750
 THICKNESS RECEIVED: 0.750
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	<i>AMS-QQ-A-250/12</i>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<i>HardF 243265B6</i>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u>	SIGNED OFF BY: _____
DATE: <u>9-89 APR 28 2018</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12
OR AMS 4045
OR ASTM B209

OR

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13
OR AMS 4048 / 4049
OR ASTM B209

△ PART NUMBER:

M7075T6S|TTT|X|W.WWW|
THK| [WIDTH]

WHERE "TTT" = THICKNESS (IN INCHES)
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063

EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

△ PREFERRED SIZE: .TTT" BY 4FT BY 10FT FOR SHEET

RELEASED
2017 JUN 19 ✓
ECN 17-574

B		ADD: REF TO PLATE: "T651" TEMPER, AMS 4048, OPTIONAL WIDTH DIM (C4R6-149)		CP	17.05.05
A		NEW ISSUE		RF	10.11.08
REV.	DESCRIPTION	RF	DRAWING NO.	DART AEROSPACE LTD	
DRAWN	CP	ML	M7075T6S	HAWKESBURY, ONTARIO, CANADA	
CHECKED		LL		REV. B	
MFG. APPR.		WM		SHEET 1 OF 1	
APPROVED		DS		SCALE	
DE APPR.				7075-T6 SHEET/PLATE SPEC	
DATE	17.05.05			NFS	

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not to be used for any purpose or copied or communicated to any other person without the

written permission of Dart Aerospace Ltd.

SHIP TO:

DIVERSIFIED INDUSTRIAL PRODUCTS
14 CONNOR LANE
DEER PARK, NY 11729

SOLD TO:

DIVERSIFIED INDUSTRIAL PRODUCTS
14 CONNOR LANE
DEER PARK, NY 11729

KAISER
ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4485005

CUSTOMER PO NUMBER:	WORK PACKAGE:	CUSTOMER PART NUMBER:	SHIP RUN/LOAD:	GOV'T CONTRACT NUMBER:
099766-13			104094/11	
KAISER ORDER NO: 1246188-13	SHIP DATE: 8-NOV-2017	ALLOY: 7075	CLAD: BARE	TEMPER: T651
WEIGHT SHIPPED: 6552 LB	QUANTITY: 12 PCS EST.	TRUCK B/L #: 2070005	GAUGE: 0.7500 IN (19.0500 MM)	DIAMETER/WIDTH: 48.500 IN (1231.9 MM)

MHU 2166750: LOT 24326586: 9 pieces;
MHU 2166754: LOT 24326586: 3 pieces;

Certified Specifications

AMS 4045/RevL

AMS-QQ-A-250/12/RevA

ASTM B 209/Rev14

Test Code: 1512
Lot: 243265B6 Cast 540

Test Results
Drop 92 Ingot 3

Melted in USA

(ASTM E8/B557)
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T651	LT / 2 (Min:Max)	83.7 : 83.9 (577 : 578)	73.8 : 74.6 (509 : 514)	13.5 : 13.8

(ASTM E1251)

Chemistry:	Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	TOT	0.03
Actual(wt%)	0.07	0.16	1.5	0.03	2.5	0.19	5.8	0.03	0.01	0.01	TOT	0.03	

ALLOY LIMITS

7075	Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
MIN(wt%)	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT	0.15

Aluminum Remainder



Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4485005

DIVERSIFIED INDUSTRIAL PRODUCTS CORP.
CERTIFY THIS A TRUE COPY OF THE
MILL TEST REPORT USED TO FILL YOUR
ORDER.

Company DART AEROSPACE LTD.
PO# PO039634
Our Inv. # 66668
Qty. IT 3 - 24 FT
Part # M7075T6S2.00X0.750
QC Dept. Cathie Vail
Cathie Vail

CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
- All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
- was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 222.225 for domestic content.
- has been thermally processed in compliance with AMS 2772, where applicable.
- is mercury free, with the limit of detection of ASTM E710, 5 < 1 ppm.
- is compliant with RoHS 2, European Union Directive 2011/65/EU.
- is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
- is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.
- is free of weld repair.
- meets the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075+656.000x1.000 PO / BATCH NO.: 039634/5066610
 DATE: APR 28 2018

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 241
 QUANTITY INSPECTED: 241
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000
 THICKNESS RECEIVED: 1.000
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	<i>AMS-QQ-A-250/12</i>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<i>Heat # 261651B4</i>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u> DATE: <u>9-89 APR 28 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE
 SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12
[Signature]

OR

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE
 SPECIFICATION: QQ-A-250/13 OR AMS-4045
 OR AMS 4048 / 4049
 OR ASTM B209

△ PART NUMBER: M7075T6S | TTT | X | W | WWW | THK |

WHERE "TTT" = THICKNESS (IN INCHES)
 AND "W|WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063

EG. 3.5" WIDE BY 0.50" THICK PLATE = M7075T6S.500X3.500

△ PREFERRED SIZE: .TTT BY 4FT BY 10FT FOR SHEET

B	ADD. REF. TO "PLATE", "T651" TEMPER, AMS 4046, OPTIONAL WIDTH DIM (CAR16-149)	CP	17.05.05
A	NEW ISSUE	RF	10.11.08
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD	
DRAWN	CP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ML	DRAWING NO.	REV. B
MFG. APPR.	LL	M7075T6S	SHEET 1 OF 1
APPROVED	WM	TITLE	SCALE
DE APPR.	DS-#	7075-T6 SHEET/PLATE SPEC	NTS
DATE	17.05.05		

RELEASED
 2017 JUN 19 *g*
 ECN 17-574

APPROVED

DATE

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SHIP TO:

DIVERSIFIED INDUSTRIAL PRODUCTS
14 CONNOR LANE
DEER PARK, NY 11729

SOLD TO:

DIVERSIFIED INDUSTRIAL PRODUCTS
14 CONNOR LANE
DEER PARK, NY 11729

KAISER
ALUMINUM

Trentwood Works

PO Box 15108, Spokane Valley WA 99215-5108
15000 E Euclid, Spokane Valley WA 99216
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4501741

CUSTOMER PO NUMBER: 102362-1	WORK PACKAGE:	CUSTOMER PART NUMBER:	SHIP RUN/LOAD: 104216/20	GOVT CONTRACT NUMBER:
KAISER ORDER NO: 1253403-1	SHIP DATE: 14-MAR-2018	ALLOY: 7075	CLAD: BARE	TEMPER: T651
WEIGHT SHIPPED: 7624 LB	QUANTITY: 8 PCS EST.	TRUCK BR #: 2072483	GAUGE: 1.0000 IN (25.4000 MM)	DIAMETER/WIDTH: 60.500 IN (1536.7 MM)

MHU 2209494: LOT 261651B4: 6 pieces;
MHU 2209496: LOT 261651B4: 3 pieces;

Certified Specifications

AMS 4045/RevL

AMS-QQ-A-260/12 RevA

ASTM B 209/Rev14

Test Code: 1512

Lot: 261651B4

Cast 626

Test Results

Drop 10

Ingot 4

Melted in USA

(ASTM EB/B557)

(EN 2002-1)

Tensile: Temper
T651Dir / # Tests
LT / 2 (Min:Max)Ultimate KSI (MPA)
83.3 : 84.0
(574 : 579)Yield KSI (MPA)
73.6 : 74.9
(507 : 516)Elongation %
13.3 : 13.5

(ASTM E1251)

Chemistry:	Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
Actual(wt%)	0.08	0.17	1.5	0.05	2.5	0.19	5.7	0.03	0.01	0.02	TOT	0.03

ALLOY LIMITS

7075	Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
MIN(wt%)	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.40	0.50	2.0	0.30	2.9	0.28	8.1	0.20	0.05	0.05	TOT	0.15

Aluminum Remainder



Trentwood Works
PO Box 15108, Spokane Valley WA 99215-5108
15000 E Euclid, Spokane Valley WA 99216
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4501741

DIVERSIFIED INDUSTRIAL PRODUCTS CORP.
CERTIFY THIS A TRUE COPY OF THE
MILL TEST REPORT USED TO FILL YOUR
ORDER.

Company DART AEROSPACE LTD.
PO# PO039634
Our Inv. # 66668
Qty. IT 2 - 24 FT
Part # M7075T6S6.000X1.000
QC Dept. Cathie Vail
Cathie Vail

CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
- All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
- was melted in the United States of America or a qualifying country per DFARS 225.872-1(e), was manufactured in the United States of America, and meets the requirements of DFARS 252.226 for domestic content.
- has been thermally processed in compliance with AMS 2722, where applicable.
- is currently free of the limit of detection of ASTM E571 (< 1ppm).
- is in compliance with RoHS 2, European Union Directive 2011/65/EU.
- is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
- is free of Conflict Minerals, as defined in Section 152 of the Dodd-Frank Act.
- is free of weld repair.
- meets the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 170757656.000X0.250 PO / BATCH NO.: 039634/5066609
 DATE: APR 28 2018

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 36'
 QUANTITY INSPECTED: 36'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.250
 THICKNESS RECEIVED: 0.250
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	<i>Ams QQ-A-250/12</i>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<i>Heat # 241730B1</i>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u>	SIGNED OFF BY: _____
DATE: <u>9-89 APR 28 2018</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12

OR
OR AMS 4045
OR ASTM B209

OR

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13
OR AMS 4048 / 4049
OR ASTM B209

△ PART NUMBER:

M7075T6S |TTT| X |W.WWW|
|THK| |WIDTH|

WHERE "TTT" = THICKNESS (IN INCHES)

AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063

EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

△ PREFERRED SIZE:

.TTT BY 4FT BY 10FT FOR SHEET

RELEASED
2017 JUN 19 ✓
ECN 17-574

APPROVED
DATE 17.05.05

B	ADD-REF TO PLATE: T651*TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CAR16-149)		CP	17.05.05
A	NEW ISSUE		RF	10.11.06
REV.	DESCRIPTION		BY	DATE
	M7075T6S		DART AEROSPACE LTD	
	DESIGN	RF	HAWKESBURY, ONTARIO, CANADA	
	DRAWN	CP		
	CHECKED	ML	DRAWING NO.	REV. B
	MFG. APPR.	LL		
	APPROVED	WM		SHEET 1 OF 1
	DE APPR.	DS-#	7075-T6 SHEET/PLATE SPEC	SCALE NTS
	DATE	17.05.05		COPYRIGHT © 2017 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED OR DISCLOSED TO ANY OTHER PERSON OR COMPANY UNLESS AUTHORIZED IN WRITING BY DART AEROSPACE LTD. THIS DOCUMENT IS PROVIDED FOR INFORMATION PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS A QUOTATION, CONTRACT, OFFER, AGREEMENT, OR WARRANTY.

SHIP TO:
DIVERSIFIED INDUSTRIAL PRODUCTS 14 CONNOR LANE DEER PARK, NY 11729
SOLD TO:
DIVERSIFIED INDUSTRIAL PRODUCTS 14 CONNOR LANE DEER PARK, NY 11729

KAISER ALUMINUM

Trentwood Works

PO Box 15108, Spokane Valley WA 99215-5108
15000 E Euclid, Spokane Valley WA 99216
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4505338

CUSTOMER PO NUMBER:	WORK PACKAGE:	CUSTOMER PART NUMBER:	SHIP RUN/LOAD:	GOVT CONTRACT NUMBER:
103141-7			104244/20	
KAISER ORDER NO: 1256129-7	SHIP DATE: 11-APR-2018	ALLOY: 7075	CLAD: BARE	TEMPER: T651
WEIGHT SHIPPED: 6477 LB	QUANTITY: 36 PCS EST.	TRUCK BN #: 2073029	GAUGE: 0.2500 IN (6.3500 MM)	DIAMETER/WIDTH: 48.500 IN (1231.9 MM)

MHU 2204252: LOT 254261B1: 3 pieces;
MHU 2216188: LOT 241730B1: 6 pieces;
MHU 2216181: LOT 241730B1: 27 pieces;

Certified Specifications

AMS 4045/RevL
CMMP 026/RevV

AMS-QQ-A-250/12/RevA

ASTM B 208/Rev14

Test Code: 1512
Lot: 241730B1 Cast 611

Drop 03

Test Results

Ingot 1

Melted in USA

(ASTM E8/B557)
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T651	LT / 2 (Min:Max)	86.4 : 85.4 (589 : 589)	74.9 ; 75.3 (516 : 519)	12.2 : 12.5

(ASTM E1251)

Chemistry:	Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.07	0.14	1.5	0.03	2.6	0.20	5.8	0.03	0.01	0.01	TOT 0.03
Lot: 254261B1	Cast 605		Drop 11		Ingot 1						Melted In USA

(ASTM E8/B557)
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T651	LT / 2 (Min:Max)	83.3 : 84.4 (574 : 582)	72.8 : 74.1 (502 : 511)	11.8 : 12.2

(ASTM E1251)

Chemistry:	Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.09	0.21	1.5	0.07	2.3	0.20	6.7	0.03	0.01	0.02	TOT 0.04

KAISER ALUMINUM

Trentwood Works
 PO Box 15108, Spokane Valley WA 99215-5108
 15000 E Euclid, Spokane Valley WA 99218
 Phone: (800) 367-2688

CERTIFIED TEST REPORT

Serial Number
 4505338

ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
7075												
MIN(wt%)	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT	0.15
Aluminum Remainder												

DIVERSIFIED INDUSTRIAL PRODUCTS CORP.
 CERTIFY THIS A TRUE COPY OF THE
 MILL TEST REPORT USED TO FILL YOUR
 ORDER.

Company DART AEROSPACE LTD.
 PO# PO039634
 Our Inv. # 66668
 Qty. IT 1 - 36 FT
 Part # M7075T6S6.000X0.250
 QC Dept. Cathie Vail
 Cathie Vail

CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
- All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
- was made in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
- has been thermally processed in compliance with AMS 2772, where applicable.
- is mercury free, within the limits of detection of ASTM E1218 (<1ppm).
- is in compliance with RoHS 2, European Union Directive 2011/65/EU.
- is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
- is free of Conflict Minerals, as defined in Section 152 of the Dodd-Frank Act.
- is free of weld repair.
- meets the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER